IN THE CLAIMS

Please cancel claims 2, 11, and 15, amend claims 1, 3-10, 12-14, and 16-18, and add new claims 19-21 as follows:

1.   (CURRENTLY AMENDED) A method for solving problems that are related to geometrical properties of objects (36, 40) processed by a CAD program (10), said method comprising the following steps performed by a computer:

-    identifying a possible problem that is caused by a user and is related to a geometrical property of at least one object (36, 40) processed by said CAD program (10),

-    displaying an indicator symbol (26, 52) in a drawing window (12) of said CAD program (10), said indicator symbol (26, 52) being shown in graphical association with at least one entity (20, 24, 38, 50) processed by said CAD program (10), said entity (20, 24, 38, 50) being related to said identified possible problem,

-    receiving a user action input related to the indicator symbol (26, 52),

-    providing problem solving assistance to the user in response to said user action input, wherein said problem solving assistance comprising presenting said user with at least one problem solving command that the user can select interactively.

2.   (CANCELLED)

3.   (CURRENTLY AMENDED) The method of claim 21, wherein said problem solving command is only executed in response to a further user action.

4.   (CURRENTLY AMENDED) The method of claim 1, wherein said problem solving assistance provided to said user comprises presenting said user with a description of said possible problem.

5.   (CURRENTLY AMENDED) The method of claim 1, wherein said possible problem is identified by the computer during execution of an operation of said CAD program (10).

6.   (CURRENTLY AMENDED) The method of claim 5, wherein said operation of said CAD program (10) is a dimensioning operation.

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7.   (CURRENTLY AMENDED) The method of claim 1, wherein said ~~possible~~
problem is identified in response to an initial user action indicating at least one problem-related
entity ~~(50)~~ processed by said CAD program.

8.   (CURRENTLY AMENDED) The method of claim 1, comprising the further steps
of:

     -      determining whether or not the problem has been solved, and

     -      removing the indicator symbol ~~(26, 52)~~ if the problem has been solved.

9.   (CURRENTLY AMENDED) A computer program product for execution by at
least one computer, said computer program product comprising instructions for causing said at least
one computer to perform method steps in a CAD program, the method steps comprising:

identifying a ~~possible~~ problem <u>that is caused by a user and is</u> related to a geometrical
property of at least one object ~~(36, 40)~~ processed by said CAD program ~~(10)~~,

displaying an indicator symbol ~~(26, 52)~~ in a drawing window ~~(12)~~ of said CAD program ~~(10)~~,
said indicator symbol ~~(26, 52)~~ being shown in graphical association with at least one entity ~~(20, 24,
38, 50)~~ processed by said CAD program ~~(10)~~, said entity ~~(20, 24, 38, 50)~~ being related to said
identified ~~possible~~ problem,

receiving a user ~~action~~ <u>input</u> related to the indicator symbol ~~(26, 52)~~,

providing problem solving assistance to the user in response to said user ~~action~~ <u>input,
wherein said problem solving assistance comprises presenting said user with at least one problem
solving command that the user can select interactively.</u>

10.   (CURRENTLY AMENDED) An apparatus comprising at least one computer, said
at least one computer being programmed for performing steps in a CAD program, said steps
comprising:

identifying a ~~possible~~ problem <u>that is caused by a user and is</u> related to a geometrical
property of at least one object ~~(36, 40)~~ processed by said CAD program ~~(10)~~,

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displaying an indicator symbol (26, 52) in a drawing window (12) of said CAD program (10), said indicator symbol (26, 52) being shown in graphical association with at least one entity (20, 24, 38, 50) processed by said CAD program (10), said entity (20, 24, 38, 50) being related to said identified ~~possible~~ problem,

receiving a user action related to the indicator symbol (26, 52),

providing problem solving assistance to the user in response to said user ~~action~~input, wherein said problem solving assistance comprises presenting said user with at least one problem solving command that the user can select interactively.

11.   (CANCELLED)

12.   (CURRENTLY AMENDED) The computer program product of claim 9, wherein said problem solving assistance provided to said user comprises presenting said user with a description of said ~~possible~~ problem.

13.   (CURRENTLY AMENDED) The computer program product of claim 9, wherein said ~~possible~~ problem is identified in response to an initial user action indicating at least one problem-related entity (50) processed by said CAD program.

14.   (CURRENTLY AMENDED) The computer program product of claim 9, comprising the further steps of:

determining whether or not the problem has been solved, and

removing the indicator symbol (26, 52) if the problem has been solved.

15.   (CANCELLED)

16.   (CURRENTLY AMENDED) The apparatus of claim 10, wherein said problem solving assistance provided to said user comprises presenting said user with a description of said ~~possible~~ problem.

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17.   (CURRENTLY AMENDED) The apparatus of claim 10, wherein said ~~possible~~ problem is identified in response to an initial user action indicating at least one problem-related entity ~~(50)~~ processed by said CAD program.

18.   (CURRENTLY AMENDED) The apparatus of claim 10, comprising the further steps of:
    determining whether or not the problem has been solved, and
    removing the indicator symbol ~~(26, 52)~~ if the problem has been solved.

19.   (NEW) The method of claim 1, wherein said problem is identified dynamically as the user is working in the CAD program.

20.   (NEW) The computer program product of claim 9, wherein said problem is identified dynamically as the user is working in the CAD program.

21.   (NEW) The apparatus of claim 10, wherein said problem is identified dynamically as the user is working in the CAD program.

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